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SECRET  
CLASSIFICATION SECURITY INFORMATION  
CENTRAL INTELLIGENCE AGENCY  
**INFORMATION REPORT**

REPORT NO. CD NO. 

COUNTRY East Germany

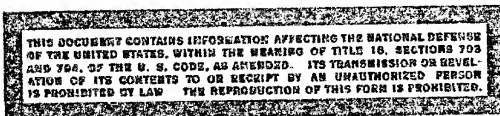
DATE DISTR. 13 July 1953

SUBJECT Funkwerk Koepenick Construction  
of Single Sideband Transmitters

NO. OF PAGES 1

PLACE  
ACQUIRED NO. OF ENCLS.  
(LISTED BELOW)

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DATE OF  
INFO. SUPPLEMENT TO  
REPORT NO.

THIS IS UNEVALUATED INFORMATION

SOURCE : 

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1. In January 1953, two single sideband transmitters HFA and HFB were under construction in the Funkwerk Koepenick (Koepenick Radio Plant). They were to be equipped with two RS 722 type and tubes each for an output of about 20 k.W. and were scheduled to serve as transmitters for diplomatic communication with the U.S.S.R. and Red China. Source learned that one sideband was attenuated by 20 nepers but had no information on the strength of the suppression of the carrier.
2. In January 1953, a wave-guide of rectangular section which was built in the laboratory workshop was scheduled for a 9 cm set developed of the designation of Omar A. This set was to be tunable from 8 to 10 cm and to have a capacity of 250 watt at continuous dash and of 20 k.W. at impulse operation with a recurrence frequency of 1:150.

25X1X 3. On 23 January 1953, source,  observed empty chassis which were allegedly scheduled for an impulse navigation method of the Decca-system to be imitated by this department.<sup>1</sup> Source had no information on the development of a directional transmitting-receiving set with impulse modulation.

4. In late 1952, the aerial department directed by Dr. Erich Schuettloeffel developed a slit aerial for the 3 k.W. 100 megacycle transmitter developed by the ultra-short wave department. In September 1952, an aerial with a slit of a length in one tube was mounted on the roof of the laboratory and was tested with a two-watt transmitter. The further development of this aerial into a four part slit aerial was stopped in early January 1953.

25X1A 1.  Comment. Johannes Norra was mentioned in an organization scheme of the Funkwerk Koepenick, dated 15 September 1951 as belonging to the ship radio and high power transmitter department.

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STATE #x	NAVY	x	NSRB							ORR Ev	x	OSI Ev	x
ARMY x	AIR	x	FBI										